



The Master Compact

Combining a large 14.3 MP Canon CMOS sensor, DIGIC 5 processor and exceptional 4x zoom lens, the PowerShot G1 X gives you SLR-levels of control and image quality in a compact camera body.

The PowerShot G1 X is part of the Canon PowerShot digital still camera range consisting of the below products:

PowerShot G1 X, PowerShot G12, PowerShot S100, PowerShot SX40 HS, PowerShot SX230 HS, PowerShot SX220 HS, PowerShot SX150 IS, PowerShot D10, PowerShot A3300 IS, PowerShot A3200 IS, PowerShot A2200, PowerShot A1200,

Sales Start date: February 2012
Target Market: Personal / Home / Business

Key Features:

- Large 14.3 MP Canon CMOS sensor (18.7 x 14.0 mm) and DIGIC 5-based HS System for exceptional shots up to ISO 12800
- Precision Canon 28mm wide-angle, 4x optical zoom lens with 4-stop Intelligent IS
- Versatile 7.5 cm (3.0”) vari-angle PureColor II VA LCD (920k); optical viewfinder
- Full Manual Control, 14-bit RAW and DPP software
- Full HD movies (1080p) with stereo sound, record button and HDMI
- 4.5 fps High-speed Burst HQ mode
- Smart Auto with Multi-area White Balance
- Extensive accessories including Canon Speedlites and Lens Filter Adapter
- HDR mode, built-in ND Filter
- Optional 40m waterproof case

| Product Name | Mercury Code | EAN Code | Recommended Retail Price |
|---|--------------|---------------|--------------------------|
| PowerShot G1 X (Black) | 5249B011AA | 8714574577753 | £699.00 / €799.00 |
| What's in the box: Digital Camera PowerShot G1 X, Lens Cap (with cord), Neck Strap NS-DC9, Battery Pack NB-10L, Battery Charger CB-2LCE, AC Power Cable, Interface Cable IFC-400PCU, User Manual Kit. | | | |

| Accessories | Mercury Code | EAN Code |
|-------------------------------|--------------|---------------|
| AC Adapter Kit ACK-DC80 | 5667B003AA | 4960999795935 |
| Waterproof Case (40m) WP-DC44 | 5969B001AA | 4960999819808 |
| Leather Soft Case SC-DC75 | 5968B001AA | 4960999819921 |
| Leather Soft Case DCC-1800 | 0036X207 | 8714574580845 |
| Battery Pack NB-10L | 5668B001AA | 4960999796093 |
| Macro Light Adapter MLA-DC1 | 5970B001AA | 4960999840178 |
| Lens Hood LH-DC70 | 5973B001AA | 4960999840192 |
| Filter Adapter FA-DC58C | 5971B001AA | 4960999840154 |
| Flash Speedlite 580EX II | 1946B003AA | 4960999417165 |

Technical Specifications

PowerShot G1X

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| IMAGE SENSOR Type Effective Pixels Aspect Ratio/Colour Colour Filter Type | 18.7 mm x 14.0 mm Canon high-sensitivity CMOS Approx. 14.3M 4:3 Primary Colour |
| IMAGE PROCESSOR Type | DIGIC 5 with iSAPS technology |
| LENS Focal Length Zoom Maximum f/number Construction Image Stabilisation | 15.1 – 60.4 mm (35 mm equivalent: 28 – 112 mm) Optical 4x, Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x or 1.9x and Safety Zoom ⁽¹⁾) Combined Approx. 16x f/2.8-f/5.8 11 elements in 10 groups (2 double-sided aspherical UA elements, 1 double-sided aspherical element) Yes (lens shift-type), 4-stop, Intelligent IS |
| FOCUSING Type AF System/ Points AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance | TTL AiAF (Face Detection / 9-point), 1-point AF (Any position is available, fixed centre or Face Select and Track) Single, Continuous, Servo AF/AE ⁽¹⁰⁾ , Tracking AF Manual selection using FlexiZone AF/AE, Size (Normal, Small) On/Off Selectable Yes Yes Yes 20 cm (W) from front of lens in macro |
| EXPOSURE CONTROL Metering modes AE Lock Exposure Compensation AEB ISO sensitivity ⁽³⁾ | Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) Yes +/- 3 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction ND Filter (3 stop) 1/3 – 2 EV in 1/3 stop increments AUTO, 100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800 |
| SHUTTER Speed | 1 – 1/4000 sec. (factory default) 60 – 1/4000 sec. (total range – varies by shooting mode) |
| WHITE BALANCE Type Settings | TTL Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2. Multi-area WB correction available in Smart Auto |
| COLOUR MATRIX Type | sRGB |
| VIEWFINDER Viewfinder Dioptr Correction | Real-image zoom, optical viewfinder Yes |
| LCD MONITOR Monitor Coverage Brightness | Vari-angle 7.5 cm (3.0") PureColor II VA (TFT), Approx. 920,000 dots Approx. 100% Adjustable to one of five levels. Quick-bright LCD |

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| FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash | Auto, Manual Flash On / Off Yes. Fastest speed: 1/2000 sec. (built-in flash) 1/250 sec. (external flash) 1/4000 sec. (external using high-speed synchro) Yes +/- 2 EV in 1/3 stop increments. Face Detection FE. Safety FE. Yes 3 levels with internal flash (up to 19 levels with external EX Speedlites 270EX and 430EX II. 22 levels with 580EX II ⁽⁴⁾) Yes 50 cm – 7.0 m (W) / 1.0 m - 3.1 m (T) E-TTL with EX series Speedlites ⁽⁴⁾ , Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX |
| SHOOTING Modes Modes in Movie Photo Effects Drive modes Continuous Shooting | Smart Auto (32 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), SCN (Movie Digest, Portrait, Landscape, Kids & Pets, Sports, Smart Shutter(Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst HQ, Handheld Night Scene, Beach, Underwater, Foliage, Snow, Fireworks, Stitch Assist), Creative Filter (High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap), Movie Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Landscape, Beach, Underwater, Foliage, Snow, Fireworks, Nostalgic, Fish-eye Effect, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, iFrame Movie My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color) Single, Continuous, Continuous with AF, Self-Timer Approx. 1.9 shots/sec., AF: Approx. 0.7 shots/sec., LV: Approx. 0.7 shots/sec. (until memory card becomes full) High-speed Burst HQ: Approx. 4.5 shots/sec., up to 6 shots ⁽⁶⁾⁽⁷⁾ |
| RECORDING PIXELS / COMPRESSION Image Size Compression Movies Movie Length | 4:3 - (L & RAW) 4352 x 3264, (M1) 3072 x 2304, (M2) 1600 x 1200, (S) 640 x 480, 16:9 - (L) 4352 x 2248, (M1) 3072 x 1728, (M2) 1920 x 1080, (S) 640 x 360; 2 - (L) 4352 x 2904, (M1) 3072 x 2048, (M2) 1600 x 1064, (S) 640 x 424; 1 - (L) 3264 x 3264, (M1) 2304 x 2304, (M2) 1200 x 1200, (S) 480 x 480; 5 - (L) 2608 x 3264, (M1) 1840 x 2304, (M2) 960 x 1200, (S) 384 x 480 Resize in playback (M2, S, XS) *XS is half the length and width of S Fine, Normal (Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Miniature Effect (HD, L) 6fps, 3fps, 1.5 fps iFrame Movie (HD) (Full HD & HD) Up to 4 GB or 29 min. 59 sec. ⁽¹¹⁾ (L and M) Up to 4 GB or 1 hour ⁽⁷⁾ |
| FILE TYPES Still Image Type Movies | JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant MOV [H.264 + Linear PCM (stereo)] iFrame |
| DIRECT PRINT Canon Printers PictBridge | Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) Yes |

Technical Specifications

PowerShot G1X

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| OTHER FEATURES Red-Eye Correction My Camera / My Menu My Category Intelligent Orientation Sensor Histogram Playback zoom Self Timer Menu Languages | Yes, during shooting and playback Start-up image and camera sounds customisation. Menu customisation Image tagging feature Yes Yes, live histogram Approx. 2x – 10x Approx. 2 or 10 sec., Custom English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Hindi |
| INTERFACE Computer Other | Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible) HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC) |
| MEMORY CARD Type | SD, SDHC, SDXC |
| SUPPORTED OPERATING SYSTEM PC & Macintosh | Windows 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.5 – 10.6 |
| SOFTWARE Browsing & Printing Other Image Manipulation | ZoomBrowser EX / ImageBrowser CameraWindow, Movie Uploader for YouTube, PhotoStitch Digital Photo Professional for RAW development |

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| POWER SOURCE Batteries Battery life A/C Power Supply | Rechargeable Li-ion Battery NB-10L (NB-10L battery and charger supplied) Approx. 250 shots ^[8] Approx. 420 min. playback Optional, AC Adapter Kit ACK-DC80 |
| ACCESSORIES Cases / Straps Waterproof / Weatherproof Case Lenses Flash Remote Controller/ Switch Power Supply & Battery Chargers Other | Soft Case SC-DC75, DCC-1800 Waterproof Case (40m) WP-DC44 Waterproof Case Weight WW DC1 Lens Hood LH-DC70 Filter Adapter FA-DC58C (Compatible with Canon 58mm Filters: Circular Polarizing PL-C B, Neutral Density Filter ND4X-L & ND8X-L, Protect, UV, Softmat No.1 & 2) Canon Speedlites (including 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II ^[11]), Macro Twin Lite MT 24EX, Macro Ring Lite MR-14EX (Both require Macro Light Adapter MLA-DC1), Speedlite Transmitter ST-E2, Off-Camera Shoe Cord OC-E3, Bracket BKT-DC1, Speedlite Bracket SB-E2 Remote Switch RS-60E3 AC Adapter Kit ACK-DC80, Battery Charger CB-2LCE Canon HDMI Cable HTC-100 |
| PHYSICAL SPECIFICATIONS Operating Environment Dimensions (WxHxD) Weight | 0 – 40°C, 10 – 90% humidity 116.7 x 80.5 x 64.7 mm Approx. 534 g (including battery/batteries and memory card) |

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated. Subject to change without notice.

[1] Depending on the image size selected.

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.

[4] Not all functions of the flash are supported.

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[10] Some settings limit availability.

[11] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.

Logistics information

| Pack Description | Quantity | Dimensions (L x W x H in mm) | Weight (Net / Gross in kg) |
|------------------|----------|---------------------------------|-------------------------------|
| Each | 1 | 159 x 145 x 106 | 0.738 / 0.874 |
| Carton | 10 | 551 x 313 x 200 | 8.74 / 9.46 |
| Euro Pallet | 200 | 1200 x 800 x 1150 | 147.6 / 202 |